WinSALTS

The Windows version of the SALTS Program

WinSALTS Installation and Backup Disk Reload Guide

<u>SALTS CENTRAL</u>

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JUNE 2000

The purpose of this document is to assist SALTS customers on the procedures of installing WinSALTS, or reloading the software from program backup disks.

PREPARATIONS

Prior to installing the software, some preparations should be made. For example, having the SALTS Account Information handy, ensuring the SALTS account is active, meeting at least the minimal computer hardware requirements, and running a computer with a Windows operating system.

SALTS Account Information

During WinSALTS installation, you will need to have your SALTS Account Information handy. The Account Information profile is created by and obtained from SALTS CENTRAL in Philadelphia. The pieces of the profile consist of a 3-character SALTS Activity Code, a SALTS First Name, a SALTS Last Name and a SALTS Password.

Please record your activity's SALTS Account Information here for future reference.

SALTS Activity Code: _____

SALTS Fist Name: _____

SALTS Last Name: _____

SALTS Password: _____

If your activity's SALTS account has been inactive for an extended period of time (45+ days) for any reason, it is probable that the account has been automatically deactivated at SALTS CENTRAL. This means if you try to connect to the SALTS host, the host will not validate you as an authorized user. You should contact SALTS CENTRAL or nearest SALTS representative for assistance.

Computer Hardware Requirements

The minimal computer hardware requirements for WinSALTS are:

      a.) 386DX microprocessor
      b.) 5 megabytes (MEG) of hard drive space
      c.) 8 MEG of Random Access Memory (RAM)
      d.) one floppy disk drive
      e.) an installed Hayes-compatible modem, if connecting by modem dial-up, or a direct Internet connection, if connecting by Internet (firewall ports **16640** and **16896** must be opened for *Gauntlet* and *Raptor* firewalls – for all other firewalls, ports **65** and **66** must be opened)

Note: The SALTS project *strongly recommends* the use of IT-21 compliant computer equipment with WinSALTS. IT-21 compatibility includes a Pentium II microprocessor, 64 MEG of RAM, and either a Windows NT or 95 operating system.

<u>Software Requirements</u>

As of this writing, WinSALTS has not been tested on the Windows 2000 operating system. Any other Windows operating system can be used (i.e. Windows 3.x, 95, 98, or NT).

<u>INSTALLATION PROCEDURES</u>

Launch Windows

Ensure all other applications and programs are closed.

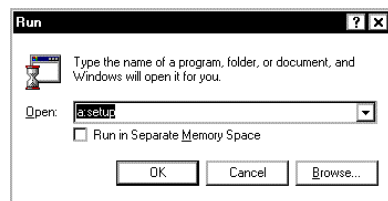Insert WinSALTS Installation Disk #1 into your source drive (usually A or B)

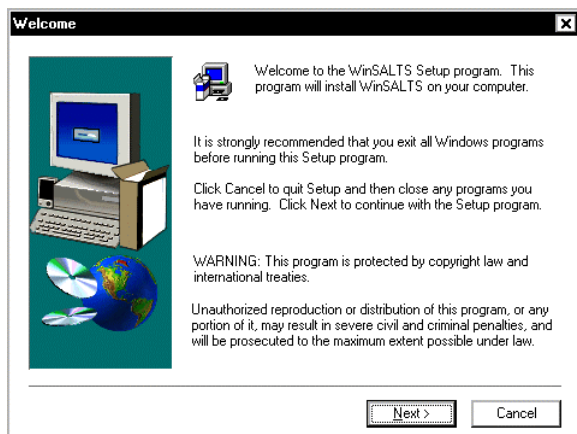Start the Installation:

      a.) If using Windows 3.x

- select File from the Program Manager menu bar
- select Run
- in the Command Line box, type: A:\SETUP
- click the OK button

      b.) If using Windows 95/98/NT

- click the Start button
- select Run
- in the Open box, type: A:\SETUP
- click the OK button

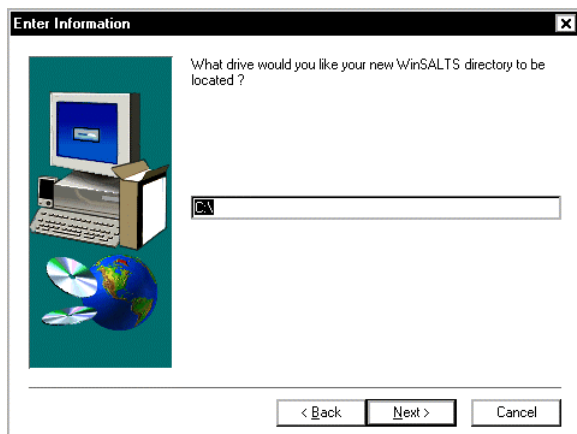Click the Next button to acknowledge the Welcome dialog box.

Read the Software License Agreement.
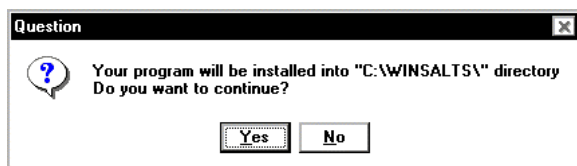Click the Yes button to accept the terms of the agreement and to continue.
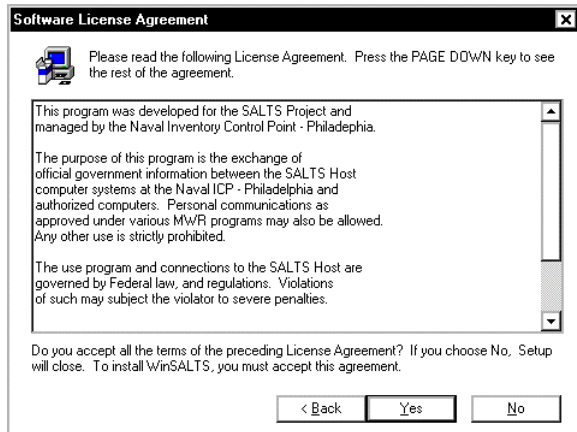
Enter the Drive (hard or network drive) and Directory location of where you want WinSALTS installed.
Click the Next button.

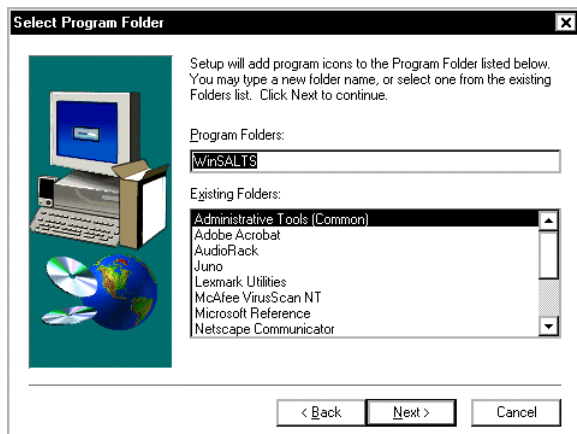**Note: Typically, the default of C:\ is accepted.**

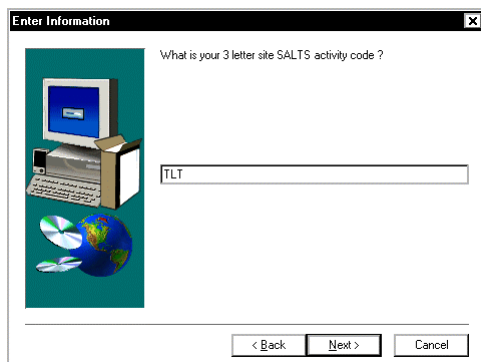Verify the Drive and Directory location.
Click the Yes button.
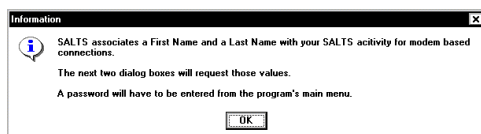
Click the Next button.
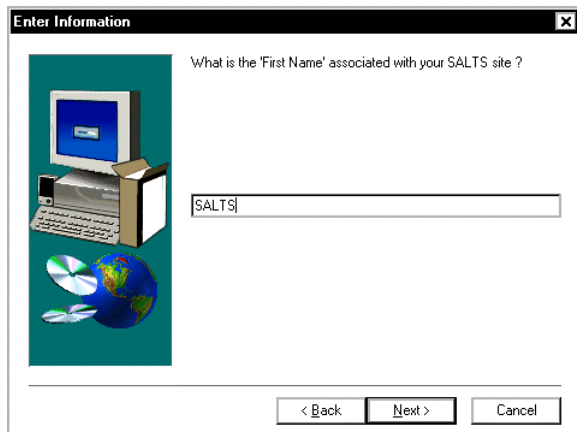

Click the OK button.

Enter your 3-character SALTS Activity Code.
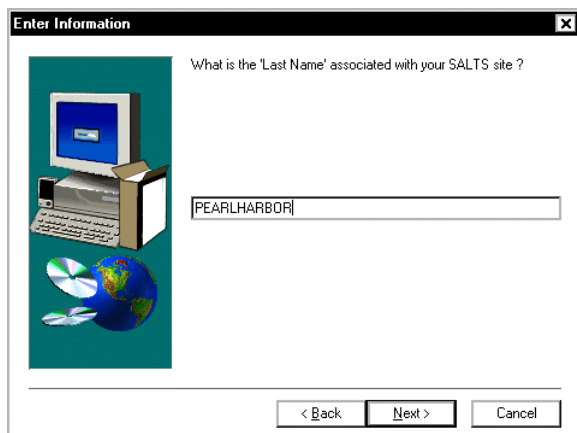Click the Next button.

Click the OK button.

Enter your SALTS First Name.
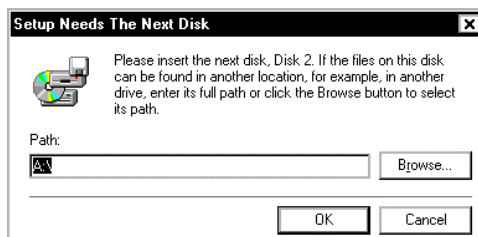Click the Next button.
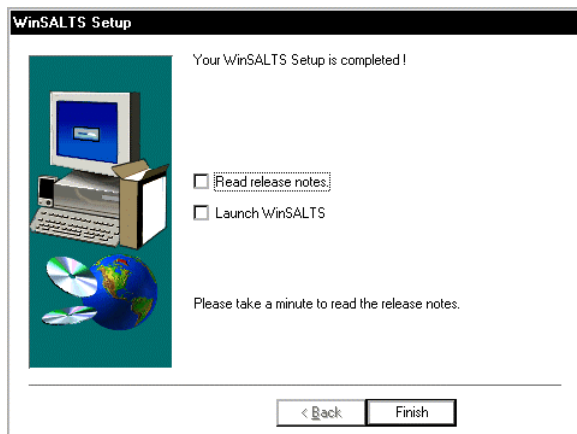

Enter your SALTS Last Name.
Click the Next button.

Creation of WinSALTS directories and loading of software files begins.

As of this writing, the Installation set contains 3 disks.
When prompted insert the next disk and select the OK button.

Click the Finished button. WinSALTS Installation is now complete!


CREATING A SHORTCUT

This section is for Windows 95, 98 and NT users only!

An icon, or Windows shortcut, can be created on the Desktop for the WinSALTS program. Shortcuts make it easier to start programs because you don't have to navigate through the Start menus to find and launch your programs. It is not required, though, to create a shortcut. You can start WinSALTS through the Start/Programs menu.
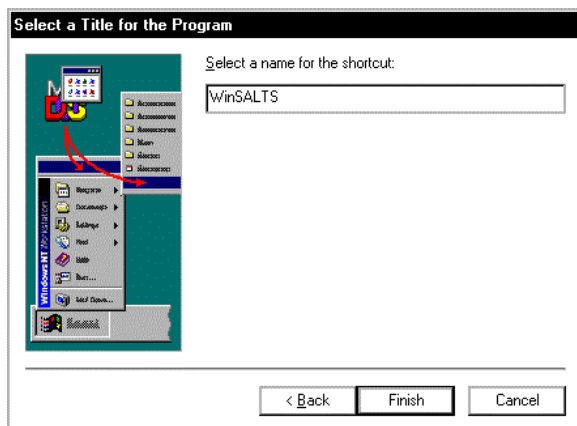
Right-click your mouse on the open area of your Windows' Desktop.
Select New.
Select Shortcut.
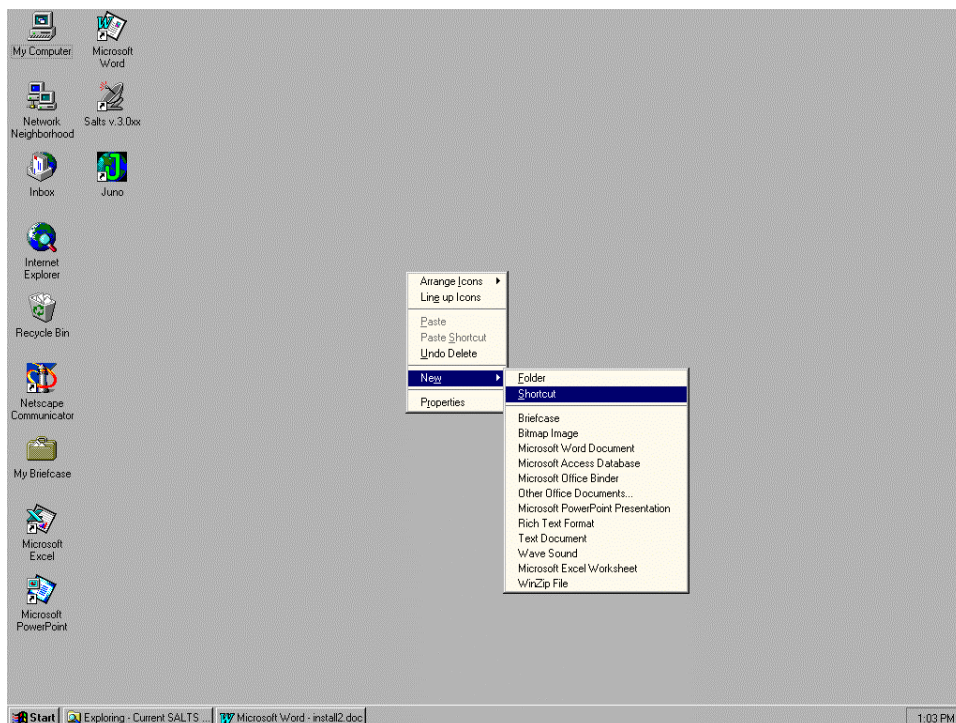
Using the appropriate Drive (such as C: in this example), in the Command Line box, type: **\winsalts\ldr.exe**
Click the Next button.
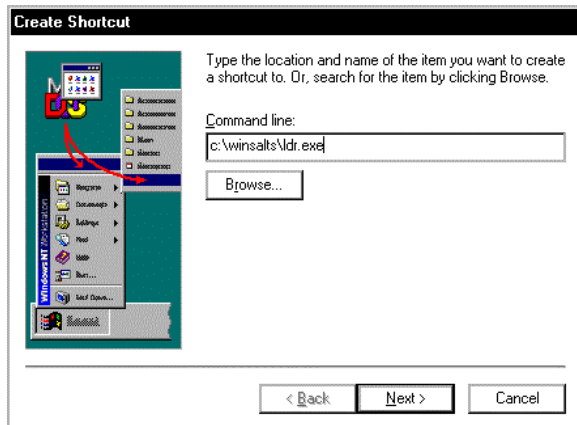
Enter **WinSALTS** as the shortcut's name.
Click the Finish button.

An icon labeled *WinSALTS* will appear on your Windows' Desktop. You can double-click this icon to start the WinSALTS program. For Windows 3.x users, the installation process automatically creates the WinSALTS icon.
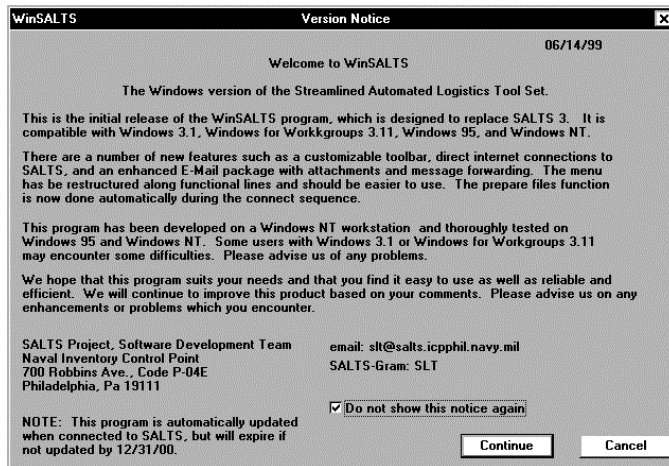
WinSALTS CONFIGURATION

Start WinSALTS.

If this is the <u>very first time</u> that WinSALTS has been loaded onto this computer, the following notice will appear.
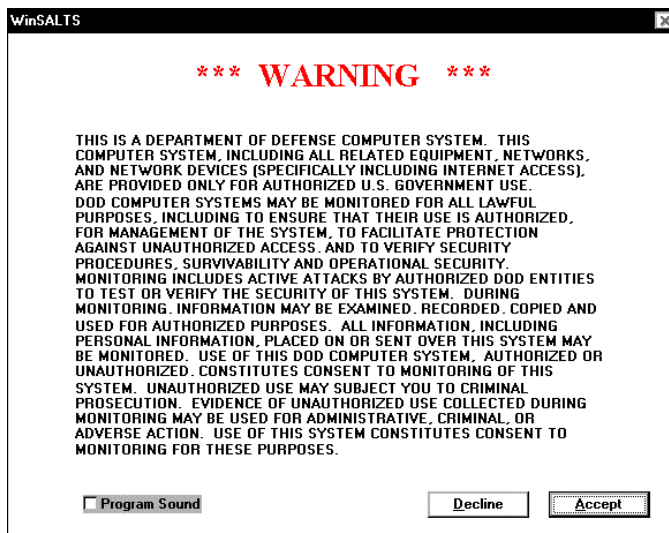
Read the Version Notice.
Check the "Do not show this notice again" checkbox.
Click the Continue button.

Read the Department of Defense warning.
Click the Accept button to continue.

Note: It is recommended to keep the Program Sound off for the time being. You may enable it later if you desire.

The WinSALTS program is accessed through a User ID and Password. The User ID's Password **should not** be confused with the SALTS Password of the SALTS Account Information. **These are two different passwords**! After installation, only one User ID – **ADMIN** – is available. Other User IDs can be created later. The initial Password for ADMIN is **NAVICP**. Upon entry into the program, you are forced to change the ADMIN password.

For User ID, enter: **ADMIN**
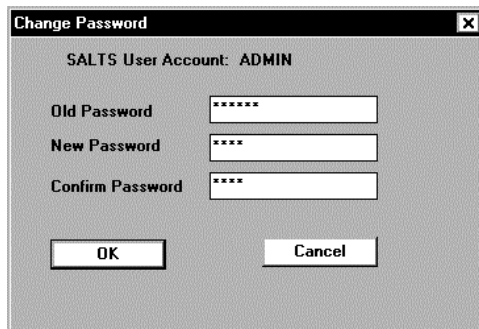For Password, enter: **NAVICP**
Click the OK button.

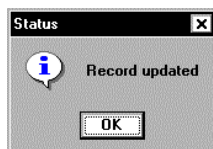Enter a new password for the ADMIN user.
Verify the new password
Click the OK button.

The ADMIN password has been updated.
Click the OK button to continue.

The WinSALTS Main Menu appears.

SALTS Account Information Setup

Select System.
Select Access Control.

Verify/correct the SALTS First Name.
Verify/correct the SALTS Last Name.
Enter and verify the SALTS Password.
Click the Done button.

Select System.
Select Site Info.
Enter your activity's name or message PLAD.
Verify/correct the SALTS Activity Code.
Click the Done button.

SALTS Phone Number Setup

If your WinSALTS program will use a dial-up modem to connect into the SALTS host, you will need to enter the modem number to SALTS CENTRAL in Philadelphia. The basic modem numbers are:

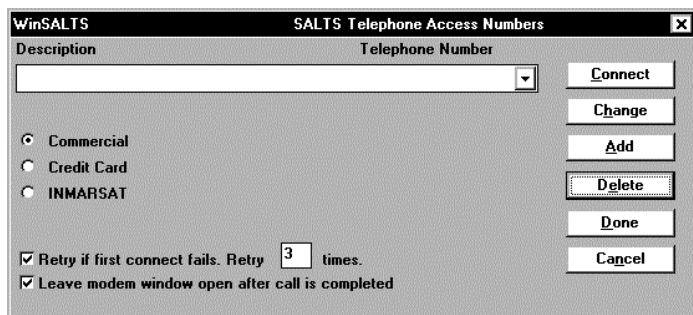|		
Commercial	215-697-1107	(Philadelphia area code + 7-digit number)
Military DSN	442-1107	(NAVICP DSN prefix + 4-digit extension number)

Any dialing prefixes required by your phone system or calling area <u>will also need</u> to be added into the basic modem numbers. For instance, your phone system may require you to dial a **9** to get an outside line. In another example, your military DSN calling area may require you to dial **312** to place a DSN call back to CONUS.

Commas ("**,**") can be inserted anywhere in the dialing string to effect a pause in dialing. The modem will interpret the comma as a one-second pause. If needed, stringing commas together can make longer pauses. Hyphens ("**-**") can also be inserted anywhere in the dialing string to make the number easier to read by the human eye. The modem ignores the hyphen. Therefore, it has no effect on the modem's dialing.

Select System.
Select SALTS Phone No.
Click the Add button.
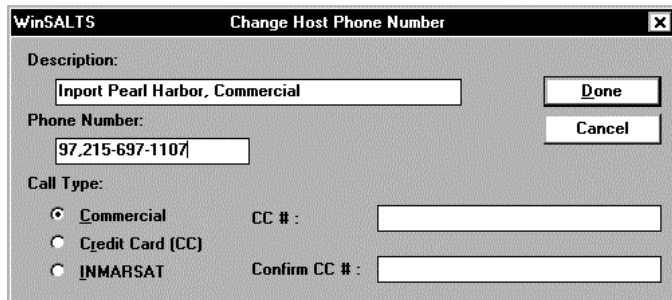

Enter a Description for this modem number.
Enter the modem number (include necessary prefixes and pauses).
Select the appropriate Call Type.
Click the Done button.

Note: The Call Type setting for DSN numbers should be Commercial.

Modem Setup

If your WinSALTS program will use a dial-up modem to connect into the SALTS host, you will need to identify your Modem and COMPORT settings to WinSALTS.
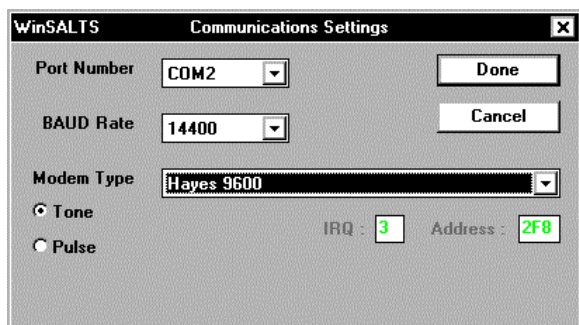
Select System.
Select Modem Settings.
Set the appropriate Port Number.
Set the appropriate BAUD Rate.
Set the appropriate Modem Type.

Note: If the computer assigns a non-standard communication Port Number, Interrupt (IRQ) or Address to the modem computer, select the "Custom" setting under Port Number to properly set these values.

Note: If your specific modem brand is not found in the Modem Type listing, use either the HAYES 9600 or HAYES 2400 setting. These are generic settings and should work with most modems.

Internet Settings

Those customers, who will connect to the SALTS host via the Internet and must go through their command's network firewall, use this option. Please contact your local network administrator for assistance for the proper setting of this option. When connecting via the Internet, WinSALTS will first try your preferred Port Number set and IP Address. In the event the still connection fails, WinSALTS will try other Port Number and IP Address combinations to establish connection.

Select your preferred Port Number set.
Select your preferred IP Address.
Click OK to finish.
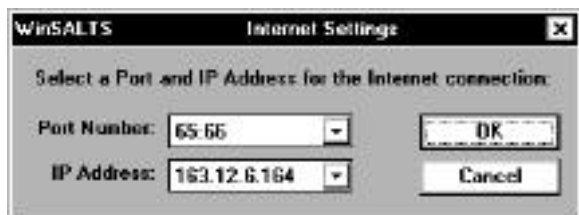
<u>User Configuration Settings</u>

A unique User ID and Password should be created and assigned to each individual who will need access to WinSALTS. Furthermore, the ADMIN User ID should not be used after the initial installation. Users should not get into the habit of using the ADMMIN User ID because future software updates to WinSALTS will severely limit its use. User IDs can be tailored to the specific access requirements of the individual using it.
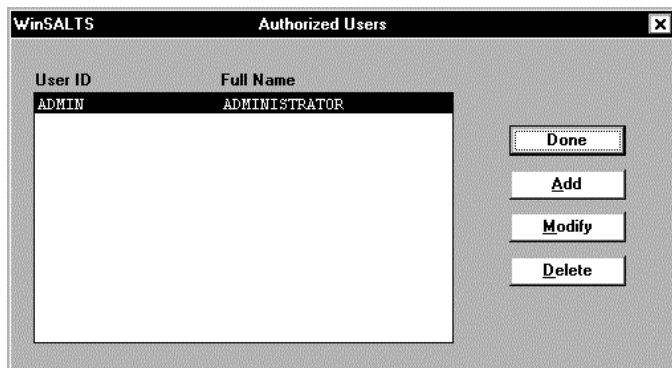
Select System.
Select User Config.
Click the Add button to create a new User ID.

Enter the User ID name (for example, a person's last name, organization code, etc.)
Enter the person's full name in the Name box.
Enter a temporary/default Password (such as the word "Access").
Ensure the "Change password at next login" checkbox is checked.
Double-click the corresponding checkboxes to give this individual access to File Types.
Click the corresponding checkboxes to give this individual access to perform System Functions.
Click the Done button when finished.
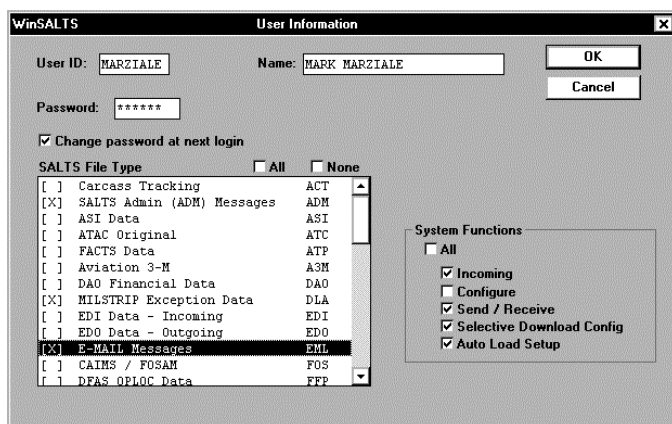
Note: Click the "All" checkboxes to quickly enable File Types and/or Functions. Also, if you want to restrict an individual's access, DO NOT give access to Configure. Doing so will allow the individual to return to this screen and change his/her own access.

EDIT THE SALTS-GRAM TEMPLATE

Modify the default SALTS-Gram template, which acts as a letterhead for your outgoing SALTS messages.

Select SALTS-Grams.
Select Edit Message Template.
Edit your template similarly to the example below.

INITIAL TEST CONNECTION

Now that WinSALTS has been properly configured it is time to test its connection to SALTS CENTRAL.

Select Connect.
Select By Telephone, for dial-up modem connections, or By Internet for Internet connections.
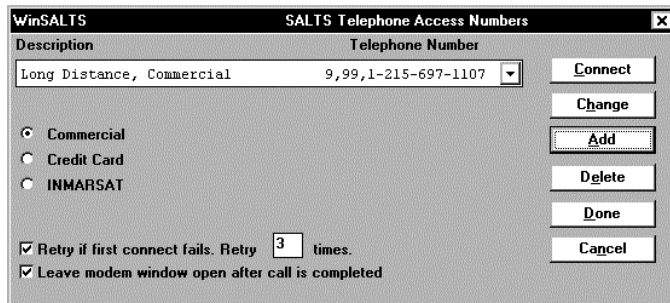
By Internet

The following is an example of an Internet network connection. Please see Page 2, Item (e) in *the Computer Hardware Requirements* section for notes about network firewall issues.
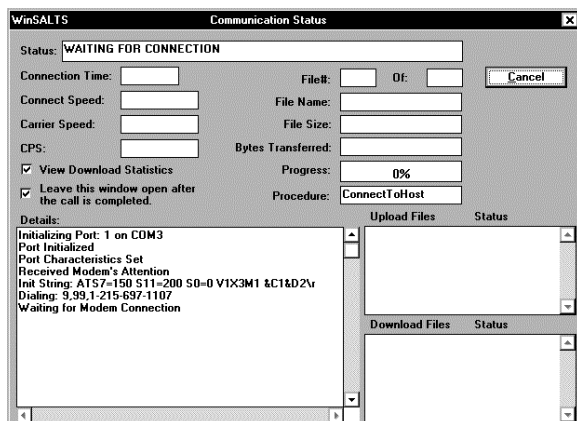

<u>By Telephone</u>

Select the appropriate modem number.
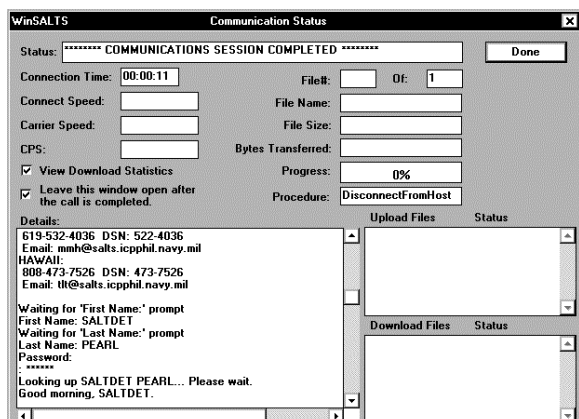Click the Connect button.

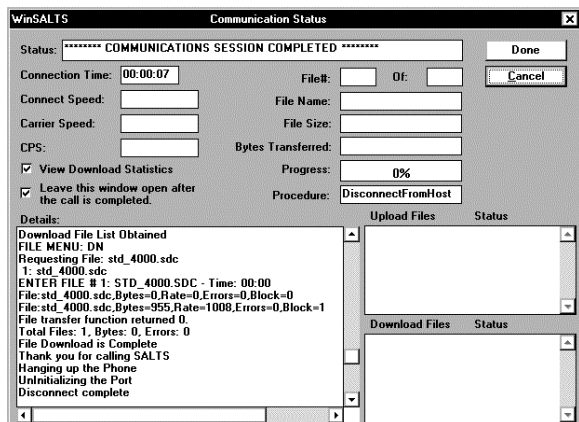The program will initialize the modem and dialing will begin.

After the modems connect and synchronize, you are automatically logged onto the SALTS host.

Transfer of files, if any, will occur. When complete, the modems will automatically disconnect.

TROUBLESHOOTING CONNECTION PROBLEMS

By Internet Problems

Problem: Connections to both IP addresses constantly fail.
Action #1: Check the WinSALTS Internet Settings under the System menu.
Action #2: Check with the network administrator that the required firewall ports were opened for WinSALTS.
Action #3: Check that the network is up and fully operational.

Problem: Receiving the error "Invalid Logon".
Action #1: Check if the correct SALTS Account Information is being used in Access Control and Site Info.
Action #2: If problem persists, contact SALTS CENTRAL or nearest SALTS representative.

Problem: Receiving the error "Encryption Data Packet".
Action: No action required. You do not have permission through your firewall to connect to this IP address.

By Telephone Problems

Problem: Port and/or modem do not initialize.
Action #1: Verify modem has been properly installed, configure and powered on. Check all modem wiring.
Action #2: Verify modem has been properly installed in Windows operating system.
Action #3: Verify Port Number, IRQ (Interrupt) and Address settings in WinSALTS' Modem Settings option.

Problem: Modem dials, but does not connect.
Action #1: Check telephone wiring into modem to ensure phone line is in connector labeled "Line" or "Telco."
Action #2: Check telephone line to ensure phone line is in service, has DSN and/or long distance access.
Action #3: Attach a standard telephone to phone line and dial the SALTS modem number manually.
Action #4: Change the WinSALTS Modem Type setting to HAYES 2400 or HAYES 9600.
Action #5: Lower the WinSALTS BAUD Rate setting.

Problem: Modem connects, but receiving the error "Invalid Login."
Action #1: Check if the correct SALTS Account Information is being used in Access Control and Site Info.
Action #2: If problem persists, contact SALTS CENTRAL or nearest SALTS representative.

RELOADING WINSALTS FROM BACKUP DISKS

Sometimes it becomes necessary to reload WinSALTS from program backup disks. This may be the result of hardware or software failure, or, perhaps, the software needs to be relocated to a different computer. This section explains the process of reloading the software from backup disks.

During the WinSALTS backup process, a file called RESTORE.TXT is created and saved onto Disk #1 of the backup. RESTORE.TXT also contains instructions on how to reload the WinSALTS software from backup disks.

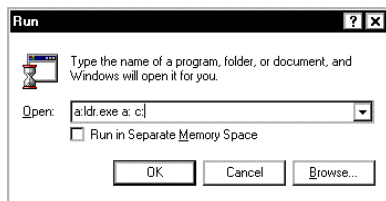Windows 95/98/NT Systems

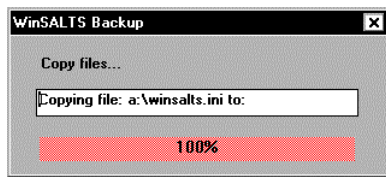Insert Disk #1 into the floppy drive.
Click the Start button.
Select Run.

The reload command will be in the format of: *<Source Drive>***LDR.EXE** *<Source Drive> <Target Drive>*.
Therefore, if the backup disk is in the A: Drive and the software is being reloaded to the C: Drive, the reload command would be: **A:\LDR.EXE A: C:**
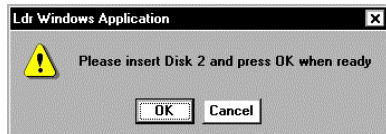
In the Open box, type the reload command.
Click the OK button.

The reload process begins.

Insert the proper backup disk when prompted.

Note: When the backup process disappears from the screen, it is complete. No completion messages will be displayed.

Windows 3.x Systems

Insert Disk #1 into the floppy drive.
Select File from Program Manager.
Select Run.

The reload command will be in the format of: *<Source Drive>***LDR.EXE** *<Source Drive> <Target Drive>*. Therefore, if the backup disk is in the A: Drive and the software is being reloaded to the C: Drive, the reload command would be: **A:\\LDR.EXE A: C:**

In the Command Line box, type the reload command.
Click the OK button.
Follow the onscreen instructions.

Restarting WinSALTS after Reloading

After reloading WinSALTS, the program can be restarted by using any old shortcuts (icons) that may still appear onscreen. Running the LDR.EXE file in the WINSALTS directory can also restart the program.

When WinSALTS restarts, you may get the following error.

Click the OK button to continue. The error should not prevent you from restarting the program.

(END OF WINSALTS INSTALLATION AND RELOAD GUIDE)